

both collected near McMurdo Sound on December 23, 1957, by C. R. Moore, a United Press correspondent who was in Antarctica at the time. He turned them over to his wife and Mrs. Moore presented them to the Academy.

ANNUAL SCIENCE FAIR WELL ATTENDED

THE FIFTH ANNUAL Bay Area Science Fair, held from April 12 to 16 at the Academy, was visited by some 82,100 persons, 15,600 more than attended last year's event, to set a new attendance record.

About 350 exhibits by Bay Area science students were displayed in the Hall of Sciences, North American Hall and African Hall, according to Science Fair officials.

John Beahrs, Palo Alto High School, with his exhibit on the separation of rare elements, and Larry Dahlkvist, Cubberley High School, Palo Alto, with his exhibit on the growth of algae, were grand prize winners.

In the junior division, James Butler and Mary Shelley were grand prize winners.

Both Beahrs and Dahlkvist appeared on "Science in Action" after they won their prizes and, in addition, their exhibits will compete in the National Science Fair in Flint, Michigan, from May 7 to 10.

PLANETARIUM TO HIGHLIGHT SUN

MORRISON PLANETARIUM will present the final show in its current IGY series from May 7 through June 1. The show is entitled "The Storming Sun" and it deals with the terrific influence the sun has on the earth as the prime source of the earth's energy and life.

According to George W. Bunton, manager of the Planetarium, special films have been obtained from the High Altitude Laboratory in Colorado, and these will be an extra feature of the May show.

NEW MEMBERS

NEW MEMBERS who joined the Academy last month are:

REGULAR MEMBERSHIP

Mr. Lloyd C. Anderson
Dr. Chesley Bush
Mr. Terry R. Galloway
Dr. Harold F. Gray
Mr. Fred R. Guensler
Mr. Richard E. Hambrook
Mr. John W. Hopkins
Mr. Robert B. Howard
Mr. Ross L. Huckins
Mr. William M. Hume
Mr. Douglas A. Johnson
Dr. Homer P. King
Mr. O. C. Lester
Professor Joe E. Marian
Mr. L. J. McCrory
Dr. W. Harvey Moore
Mrs. J. F. Shuman
Mr. Ernst Stolz
Mr. Whitman Symmes, Jr.
Miss Mary A. Trahern

FAMILY MEMBERSHIP

Mr. and Mrs. Willard L. Johnson
Mr. L. H. Lincoln
Mr. Hans Schonewald and Family

CONTRIBUTING MEMBERSHIP

Mr. Harold Edelstein
Mr. Maurice A. Gale
Mrs. Georgeanna L. Wright

ANNUAL SPONSOR

Mr. Stephen Riess

STUDENT MEMBERSHIP

William Berman
Virginia Buonaccorsi
Gene Estribou
Douglas Floyd
Mary Lou Kilcline
Andrew Peter
Richard Pogre

ACADEMY NEWS LETTER

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"RANCH AND RANGE" COYOTE
(See Page 2)

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GOLDEN GATE PARK • SAN FRANCISCO

May Announcement

THE REGULAR MAY MEETING of the California Academy of Sciences will be held at 8:15 P. M., Tuesday, May 6, in the May Treat Morrison Auditorium. Albert J. Wool, Audubon Screen Tour lecturer, will present:

"RANCH AND RANGE"

Featured in this color motion picture portrayal of ranch life by a rancher-conservationist who treasures the wild creatures at his doorstep are wood ducks and water ouzels feeding their hungry young; rainbow trout spawning in transparent streams; Caspian terns making spectacular dives into the farm pond, and coyotes howling in the nearby hills.

Golden eagles and hawks soar across the western ranges, each serving a purpose in the balance of nature. Newts and frogs attempt to elude predators, sometimes successfully, sometimes not. There are even relationships between wild and ranch animals, such as a sequence where a dog tussles with a skunk.

Al Wool owns and operates a 600-acre ranch near San Jose and for the past several years he has been producing motion pictures about wild creatures. As a rancher and naturalist, Wool imbues this colorful film with his own experience. As a father, he catches the delight of his children in accepting animals, frogs and birds as a vital part of their lives.

"Ranch and Range" is dedicated to spreading Wool's knowledge of birds and animals, proving to his audience the value of wildlife, especially in relation to ranching. In this film, which Academy members and their friends are cordially invited to see, the sweep of life on ranch and range is recorded in its beauty and excitement.

PD EDITOR RETURNS TO ACADEMY

AFTER SOME SIX months of traveling and interviewing scientists in the South Pacific, *Pacific Discovery* Editor and Art Director Don Greame Kelley returns to the Academy early next month to resume his editorial chores. The results of Kelley's inquiry into scientific activities in the Pacific world will soon begin to appear in the magazine.

At present, Editor Kelley is in Hawaii where he was joined by Mrs. Kelley and their two children. During his absence, Johan Kooy has been Art Director and Gary Barrett has been Editor.

VORTEX 4 SET FOR MAY

PREPARATIONS FOR Vortex 4—the fourth series of the unusual combination of sound and form which have been presented in Morrison Planetarium during the past 12 months—are well under way and the first performances of the new series, which features an entirely different program, will be given at 8:00 and 9:15 P. M., Monday and Tuesday, May 12 and 13. The following week, four more performances will be offered, at 8:00 and 9:15 P. M., Monday and Tuesday, May 19 and 20.

The Vortex performances in the past have stirred up much interest and the new series—with new visual and aural effects—is expected to create even more interest. Vortex 4 is sponsored by the Audio Visual Research Foundation in

cooperation with Morrison Planetarium. Admission will be \$1 per person, tickets available at the door.

ASTRONOMY SECTION MEETING

THE ACADEMY'S ASTRONOMY Section will meet at 8:15 P. M., Wednesday, May 28, in the Student Lecture Room, according to Charles F. Hagar, Assistant Curator of Astronomy at the Academy.

Hagar will lecture on "Radio Waves from Space" at the May meeting. He especially urges students interested in astronomy or other branches of science to attend the Astronomy Section Meeting.

ACADEMY TV PROGRAM HELPS WIN AWARD

STATION KRON-TV last month received a Dupont Award "for use of television as a medium for the enlargement and enrichment of public experience" at the 16th annual dinner of the Dupont Awards Foundation.

Among the three programs cited by the Foundation in presenting the award to KRON-TV was "Explorers of Tomorrow," the science series for children produced by the Academy's Television Department.

CURATOR ATTENDS UTAH MEETING

DR. ROBERT T. ORR, Curator of Birds and Mammals at the Academy, attended the annual meeting of the Cooper Ornithological Society held at the University of Utah in Salt Lake City in mid-April.

Dr. Orr is President of the Society's Board of Governors.

MAGAZINE CALL PAYS OFF

STAFF MEMBERS in the Academy's Television Department wish to offer prompt thanks for the even more prompt and generous response to a recent request for copies of old magazines to complete reference files in the Department. Members quickly responded to the call by offering copies of the three magazines needed—*Life*, *Scientific American* and *National Geographic*—and the files are approaching completion, the Department reports.

So far, however, members of the Television Department staff have not been able to pick up all the magazines that have been promised. They expect to make all of the pickups within a few days.

PHOTOS ON EXHIBIT, ROCKET COMING

THE NATURAL GRANDEUR of the High Sierra is the feature of a new exhibit of photographs put on display late last month in Lovell White Memorial Hall.

The photographs are the work of Cedric Wright, prominent photographer of the Bay Area and member of the Sierra Club.

Early this month an exhibit featuring the Vanguard rocket and its components will find its way into Lovell White Hall. The display was constructed by the Glenn Martin Company for the U. S. Navy and will remain on exhibit at the Academy for about a month.

TWO EGGS ADDED TO COLLECTION

THE COLLECTION of bird eggs in the Academy's Department of Birds and Mammals was recently increased by two eggs new to the collection, according to Curator Dr. Robert T. Orr.

One specimen is a skua egg and the other is the egg of an Adelié penguin,